

Table S3. Downregulated proteins in AR patients and controls subjects

No.	Protein_ID	Description	Protein Coverage	Unique peptides	Swissprot Accession	Tremble Accession
1	tr B4DRV4 B4DRV4_HUMAN	cDNA FLJ55667, highly similar to Secreted protein acidic and rich in cysteine	0.448	7	sp Q5R767 SPRC_PONAB	F6Y1I9
2	tr H7C3N9 H7C3N9_HUMAN	Leucine-rich repeat flightless-interacting protein 2 (Fragment)	0.082	1	sp Q9Y608 LRRF2_HUMAN	H7C3N9
3	tr Q71M29 Q71M29_HUMAN	Uncharacterized protein FP3420	0.043	1	-	Q71M29
4	sp P05109 S10A8_HUMAN	Protein S100-A8	0.118	1	sp P05109 S10A8_HUMAN	H2Q028
5	sp P22792 CPN2_HUMAN	Carboxypeptidase N subunit 2	0.272	11	sp P22792 CPN2_HUMAN	H2R7V5
6	tr D3JV43 D3JV43_HUMAN	C-X-C motif chemokine (Fragment)	0.353	2	sp P02775 CXCL7_HUMAN	G3RZ42
7	tr B2R8I2 B2R8I2_HUMAN	cDNA, FLJ93914, highly similar to Homo sapiens histidine-rich glycoprotein (HRG), mRNA	0.36	2	sp P04196 HRG_HUMAN	B2R8I2
8	tr B4DPP8 B4DPP8_HUMAN	cDNA FLJ53075, highly similar to Kininogen-1	0.441	16	sp P01042 KNG1_HUMAN	B4DPP8
9	sp P02765 FETUA_HUMAN	Alpha-2-HS-glycoprotein	0.395	8	sp P02765 FETUA_HUMAN	F5H0Q5
10	tr Q6MZL2 Q6MZL2_HUMAN	Uncharacterized protein DKFZp686M0562 (Fragment)	0.28	4	sp Q4R577 C1R_MACFA	Q6MZL2
11	sp P00739 HPTR_HUMAN	Haptoglobin-related protein	0.721	9	sp P00739 HPTR_HUMAN	G3S7T3
12	sp P09871 C1S_HUMAN	Complement C1s subcomponent	0.379	18	sp P09871 C1S_HUMAN	B3KNX0
13	sp P06396 GELS_HUMAN	Gelsolin	0.352	1	sp P06396 GELS_HUMAN	Q5T0I2
14	tr Q9UNU2 Q9UNU2_HUMAN	Complement protein C4B frameshift mutant (Fragment)	0.616	1	sp P0C0L5 CO4B_HUMAN	Q9UNU2
15	sp P27169 PON1_HUMAN	Serum paraoxonase/arylesterase 1	0.521	11	sp P27169 PON1_HUMAN	G3QPZ3
16	sp A4D1F6 LRRD1_HUMAN	Leucine-rich repeat and death domain-containing protein 1	0.007	1	sp A4D1F6 LRRD1_HUMAN	H2RFM8
17	sp P02760 AMBP_HUMAN	Alpha-1-Microglobulin/Bikunin Precursor	0.33	8	sp P02760 AMBP_HUMAN	Q5NVR3
18	tr F5GXQ5 F5GXQ5_HUMAN	Glycine N-acyltransferase-like protein 3 (Fragment)	0.032	1	sp Q5SZD4 GLYL3_HUMAN	F5GXQ5
19	sp O95445 APOM_HUMAN	Apolipoprotein M	0.601	6	sp O95445 APOM_HUMAN	H2QSN2
20	sp O43866 CD5L_HUMAN	CD5 antigen-like	0.435	13	sp O43866 CD5L_HUMAN	H2Q0B2
21	tr V9H1C1 V9H1C1_HUMAN	Gelsolin exon 4 (Fragment)	0.464	1	sp P06396 GELS_HUMAN	G7PRJ0
22	tr F1C4A7 F1C4A7_HUMAN	Monocyte differentiation antigen CD14	0.296	9	sp P08571 CD14_HUMAN	F1C4A7
23	sp P01024 CO3_HUMAN	Epididymis secretory sperm binding protein Li 62p	0.879	98	sp P01024 CO3_HUMAN	H2NX88
24	tr Q5T985 Q5T985_HUMAN	Inter-alpha-trypsin inhibitor heavy chain H2	0.444	31	sp P19823 ITIH2_HUMAN	Q5T985

25	tr B7Z539 B7Z539_HUMAN	cDNA FLJ56954, highly similar to Inter-alpha-trypsin inhibitor heavy chain H1	0.499	2	sp P19827 ITIH1_HUMAN	B7Z539
26	tr B2R815 B2R815_HUMAN	cDNA, FLJ93695, highly similar to Homo sapiens serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 4 (SERPINA4), mRNA	0.379	14	sp P29622 KAIN_HUMAN	B2R815
27	tr A0A0A0MSP7 A0A0A0MSP7_HUMAN	FERM and PDZ domain-containing protein 3 (Fragment)	0.003	1	sp Q5JV73 FRPD3_HUMAN	G7Q3E7
28	sp P80108 PHLD_HUMAN	Phosphatidylinositol-glycan-specific phospholipase D	0.381	24	sp P80108 PHLD_HUMAN	G3R160
29	sp P02652 APOA2_HUMAN	Apolipoprotein A-II	0.999	8	sp P02652 APOA2_HUMAN	G1RVN8
30	sp P51884 LUM_HUMAN	Lumican	0.322	9	sp P51884 LUM_HUMAN	G1R0P4
31	tr B4DU16 B4DU16_HUMAN	cDNA FLJ54550, highly similar to Homo sapiens fibronectin 1 (FN1), transcript variant 6, mRNA	0.787	1	sp P02751 FINC_HUMAN	B4DU16
32	sp Q96PD5 PGRP2_HUMAN	N-acetylmuramoyl-L-alanine amidase	0.351	10	sp Q96PD5 PGRP2_HUMAN	A8K050
33	tr A0A087WXI2 A0A087WXI2_HUMAN	IgGfc-binding protein	0.026	9	sp Q9Y6R7 FCGBP_HUMAN	H2QGB7
34	sp P01031 CO5_HUMAN	Complement C5	0.501	69	sp P01031 CO5_HUMAN	H2QXT1
35	sp P15169 CBPN_HUMAN	Carboxypeptidase N catalytic chain	0.24	8	sp P15169 CBPN_HUMAN	B1AP59
36	tr A0A024R462 A0A024R462_HUMAN	Fibronectin 1, isoform CRA_n	0.697	50	sp P02751 FINC_HUMAN	H2P8I5
37	tr A8K1K1 A8K1K1_HUMAN	cDNA FLJ76342, highly similar to Homo sapiens carnosine dipeptidase 1 (metallopeptidase M20 family)(CNDP1), mRNA	0.428	17	sp Q96KN2 CNDP1_HUMAN	A8K1K1

cDNA: complementary DNA; mRNA, messenger RNA